

## USGS NSF GRIP Opportunity

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Duties/Responsibilities:

The intern will develop a project in cooperation with the project chief (Holloway) to build upon work conducted in the EFSFSR watershed on watershed-scale biogeochemistry, isotope geochemistry of sulfur and mercury, or biological uptake of trace metals. This work will involve both field and laboratory work. The field and laboratory components should fit within the intern's goals for graduate work, and will become part of the intern's thesis research. The laboratory component may involve sample preparation using wet chemistry, analyzing isotopic composition of mine tailings and stream sediment under supervision, or conducting kinetic experiments to determine release rates of trace metals from sediments under simulated field conditions. If the student has experience using GIS, the project can incorporate spatial data management.

**Point of Contact or Mentor:** JoAnn Holloway

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